Prateek Gandhi

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| **Work Experience** | |
| **Teacher’s Assistant** | October 2021 – Present |

*IIT Bhubaneswar – Bhubaneswar, Odisha*

Helped the teachers of the school with various tasks, such as managing students, creating lesson plans, assignments, answering their doubts and doing some actual teaching.

*Guide: Dr. Satyanarayan Panigrahi*

**Web Developer**

September, 2021

*Frame It Out – Delhi NCR*

Developed the website with additional features to the current operative website for a photography business from scratch using HTML, CSS, Vanilla JavaScript, Node.js, MongoDB, Digital Ocean, and Apache. Currently in process of deployment and transferring the website from third party website builders.

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| **Equity Market Analyst** | January – April, 2021 |

*Finlatics – Mumbai, Maharashtra*

* Created, managed and maintained a real-time simulated portfolio on BSE 500 listed companies with a score of 60.05 on a 100 point scale.
* Conducted in-depth research and analysis of two sectors of the Indian economy and finished the assigned research work with a research rating of 96.20 on a 100 point scale.

*Guide: Mr. Rohan Pathare and Ms. Nishika Sharma*

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| **Selected Projects** |
| * **Notes app with user authentication** – “Notability on Cloud”   Technologies used: ReactJS with React Context API, MongoDB, Express, NodeJS to facilitate all the CRUD operations.   * **Real time Indian News app –** “Times Dispatch”   Technologies used: Bootstrap, ReactJS using "NEWS API" which is a simple REST API that returns JSON search results for current and historic news articles published by over 80,000 worldwide sources.   * **Personal Portfolio Website** – “www.prateekgandhi.in”   Technologies used: HTML, CSS, JavaScript, Apache, Digital Ocean. |

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| **Technical Skills** | |  |  |
| LANGUAGES | | * Programming Languages: **C, C++, MATLAB, JavaScript** * Scripting Languages: **Python** | |
| SOFTWARE  & TECHNOLOGIES | | * Web Technologies: **HTML, CSS, JavaScript, ReactJS, NodeJS, MongoDB, Express** * Software Tools: **Visual Studio Code, Microsoft Office** * Version Control: **Git** | |
| **Education History** | | |
| SCHOLASTIC ACHIEVEMENTS | * **Postgraduate Studies – Class of 2022 (Expected)**   + M. Tech, Mechanical Systems Design   + CGPA: **8.31**/**10** (at the end of 2nd semester) * **Undergraduate Studies – Class of 2019**   + B.E., Mechanical Engineering   + CGPA: **9.92**/**10**   + Department Rank **1** (out of **204** students) * **Higher Secondary Examination – Class of 2015** **(CBSE, New Delhi, India)**   + Aggregate: **91.2%**   + Mathematics: **86%**, Physics: **86%**, Chemistry: **95%**, English: **95%** * **Secondary Examination – Class of 2013** **(CBSE, New Delhi, India)**   + CGPA: **10.00**   + Ranked **1st** in School | |
| AWARDS AND HONORS | * Achieved **98.44** percentile in GATE Mechanical Engineering 2020 with a score of **714**. * Recipient of Academic Scholarship of **INR 1.5 Lakhs** with **Roll of Honor,** Chitkara University (2019) | |
| **Extra-Curricular Activities** | | | |
| * Won **Bronze** in Article Writing Competition conducted in IIT Bhubaneswar, NIT Warangal & Chennai Mathematical Institute, August 2021.   + Organized by Social Welfare Society of IIT Bhubaneswar – Souls for Solace   + Expressed my considerations clearly and precisely on a situation based theme. * **Rank 1** in an Article Writing Competition conducted in IIT Bhubaneswar, September 2020   + Organized by The Astronomy Society of IIT Bhubaneswar – Nakshatra   + The article also ended up featuring in the October, 2020 edition of ***GALACTIC CAFE*** – Newsletter of Nakshatra, IIT Bhubaneswar. * Member of the Toastmasters Club, 2017   + At Chitkara School of Languages – Inlingua   + More than public speaking, learnt and improved skills like listening, timing, leadership, and learning, helping and being a supportive fellow Toastmaster. | | | |
| **Relevant Coursework** | | | |
| THEORY | | Algorithms I\* & II, Discrete Structures, Formal Languages and Automata Theory, Theory of Computation\*\*, Advanced Graph Theory\*\*, Cryptography\*\* | |
| SYSTEMS | | Operating Systems\*, Computer Organization and Architecture\*, Fault Tolerant Systems, Compilers\*, Switching Circuits and Logic Design\*, Database Management Systems\*, Testing and Verification of Circuits\*\*, Information Retrieval\*\*, Signals and Networks\*, Introduction to Electronics\* | |
| OTHERS | | Programming and Data Structures\*, Artificial Intelligence, Software Engineering\*, Probability and Statistics, Linear Algebra | |
| \*Indicates course had a Laboratory component as well. | | | \*\* Indicates the course/project is ongoing |
| **Other Interests** | | | |
| * Playing the Piano - Jazz, Blues, Boogie-woogie * Playing Football * Reading * Cooking | | | |